

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN03/00228

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷ G01N33/543, C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷ G01N, C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Chinese Patent Document (1985~)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPOCOD, PAJ, CNPAT

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CN, A, 1335501(SHANGHAI JINGTAI LIMITED), 13. Feb 2002(13.02.02), entire document	1-48
A	CN, A, 1261669(PLA Academy of Military Medicine Science) 02. August 2000(02. 08. 00), entire document	1-48

☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
29. September 2003(29.09.03)

Date of mailing of the international search report
23 OCT 2003 (23. 10. 03)

Name and mailing address of the ISA/CN
6 Xitucheng Rd., Jimen Bridge, Haidian District,
100088 Beijing, China
Facsimile No. 86-10-62019451

Authorized officer

Telephone No. 86-10-62093918



INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN03/00228

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CN,A,1193049 (Dongnan University), 16. September 1998(16. 09. 98), entire document	1-48
A	US,A1,2002/0102186 (John F. McEntee et al) 01. Aug 2002(01.08.02), entire document	1-48
A	US,B1,6,403,368 (Industrial Technology Research Institute) 11. June 2002(11. 06. 02), entire document	1-48
A	US,A1,2002/0155481 (Toshikazu Hirota et al) 24. Oct 2002(24. 10. 02), entire document	1-48

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN03/00228

Patent document cited in search report	Publication data	Patent family member(s)	Publication data
CN, A, 1335501	13.02.02	WO,A,02077152	03.10.02
CN, A, 1261669	02.08.00	None	
CN, A, 1193049	16.09.98	WO,A,9951770 AU,A,2148099 US,B,6423552	14.10.99 25.10.99 23.07.02
US,B1,6403368	11.06.02	US,A,2002122875	05.09.02
US,A1,2002/0102186	01.08.02	None	
US,A1,2002/0155481	24.10.02	WO,A,02063310	15.08.02